

Have verbal approval to Mr. Lindly 7/3/70 to
only not 300' due to hole deviation JMB

6-24-70 verbal approval by C.B. J.
Released 6-18-71 S.M.

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter 7-1-70
Disapproval Letter

COMPLETION DATA:

Date Well Completed

Location Inspected

OW..... WW..... TA.....

Bond released

GW..... OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLog..... Others.....

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

BUCK KNOLL

8. Farm or Lease Name

1

9. Well No.

Wildcat

10. Field and Pool, or Wildcat

15-5S-6W

11. Sec., T., R., M., or Blk.
and Survey or Area

Duchesne, Utah

12. County or Parrish 13. State

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil
Well ☒Gas
Well ☐

Other

Single
Zone ☐Multiple
Zone ☐

2. Name of Operator

Gulf Oil Corporation

3. Address of Operator

P. O. Box 1971 Casper, Wyoming 82601

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

705' SNL & 818' WEL

At proposed prod. zone

Same

14. Distance in miles and direction from nearest town or post office*

From Duchesne, Utah 10

miles South on Hiway 33, 1-1/4 miles West on lease road to loc. Not spaced.

15. Distance from proposed*
location to nearest

705' SNL of Section 15

16. No. of acres in lease

12,000'

17. No. of acres assigned
to this well

Rotary

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.No other well
nearby

19. Proposed depth

20. Rotary or cable tools

6-24-70

21. Elevations (Show whether DF, RT, GR, etc.)

6421' - Ungraded Ground

22. Approx. date work will start*

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26"	20"	65.60#	30'	Cement to surface
17-1/2"	13-3/8"	54.50#	500'	Cement to surface
12-1/4"	9-5/8"	40.00#	5000'	Cement to surface
8-3/4"	7" or 5-1/2"	casing if required		To be determined.

Verbal approval to drill by Mr. Cleon B. Feight to Gulf's Mr. L. D. Findley 6-24-70.

A hydraulically operated double gate & bag type blow out preventer will be used.
Now rigging up rotary tools.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

J. D. Mackay

Title

Area Production Manager

Date

June 29, 1970

(This space for Federal or State office use)

Permit No.

43-013-30045

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

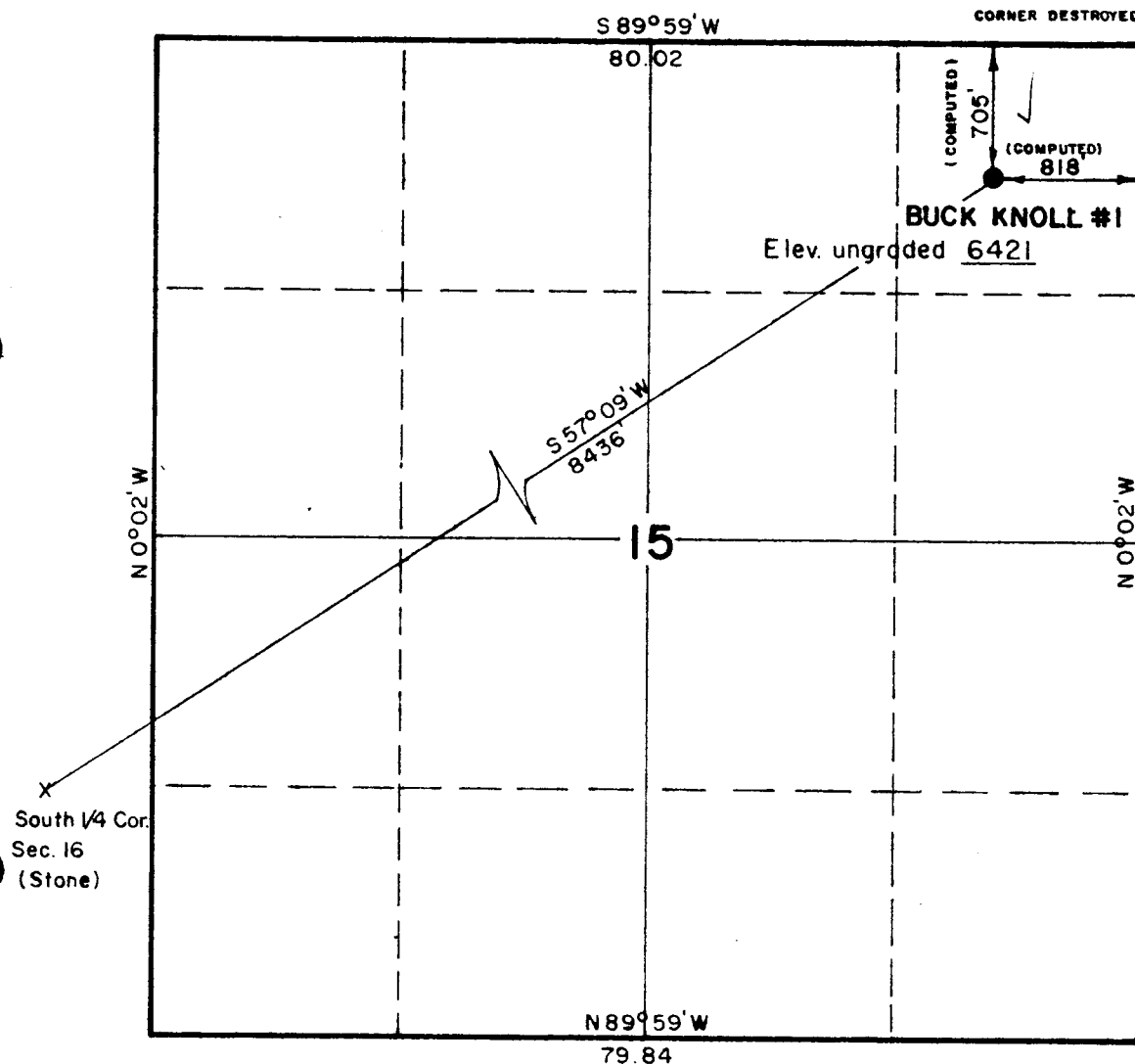
CONFIDENTIAL
See Instructions on Reverse Side

T5S, R6W, USB&M

PROJECT

GULF OIL CORPORATION

WELL LOCATION AS SHOWN IN THE NE 1/4
NE 1/4, SECTION 15, T5S, R6W, USM.
DUCESNE COUNTY, UTAH.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF

Jane Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 22 June 1970
PARTY GS - MS - RK	REFERENCES GLO Township Plat
WEATHER Clear & Hot	FILE GULF

Survey Co.

6-24-70
Orbal
Approval

Buck Knoll #1

705' F-NL PIP FER

15-53-6W

NENE

6421 AG

12,000'

43-013-30045

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
State Capitol Building
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Buck Knoll

The following is a correct report of operations and production (including drilling and producing wells) for

June, 1970

Agent's address P. O. Box 2619 Company Gulf Oil Corporation

Casper, Wyoming 82601 Signed RC (Signature)

Phone 307-235-5783 Agent's title Area Services Supervisor

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☒

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NE NE 15	5S	6W	1	Drig				TD 111' 7-1-70 Spudded 17½" hole @ 6:15 PM 6-30-70

2 - Utah OGCC
1 - O.C.
2 - File

CONFIDENTIAL

NOTE: Report on this form as provided
for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

July 2, 1970

Gulf Oil Corporation
Box 1971
Casper, Wyoming 82601

Re: Buck Knoll #1
Sec. 15, T. 5 S, R. 6 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted, as per the verbal approval given to Mr. L.D. Findley on June 24, 1970.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your co-operation with respect to completing this form will be greatly appreciated.

The API number assigned to this well is 43-013-30045.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

July 6, 1970

MEMORANDUM

FROM: Paul W. Burchell, Chief Petroleum Engineer

TO: Gordon E. Harmston, Executive Director
Department of Natural Resources

Re: Gulf Oil Corporation
Well No. Buck Knoll #1
Sec. 15, T. 5 S, R. 6 W,
Duchesne County, Utah

Dear Gordon:

A little matter came up regarding the above referred to well which I thought should be called to your attention.

On July 3, 1970, Mr. Don Findlay, Gulf Oil Corporation's Drilling Superintendent, contacted me and stated that although he had verbal approval from a water-right's user near the well's vicinity, the rancher backed out of the original agreement. Apparently, a Mr. Art Taylor, who is one of the town of Duchesne's influential leaders and works in the local post office, has banded together all of the area's water-right's users and encouraged them not to sell water to Gulf, except for an outlandish sum of monies (\$50.00 per day). The company is presently trucking their drilling water in from the Strawberry River. Further, Mr. Findlay informed me that had the well not been spudded-in, they would have either moved the location from it's proposed site or not drilled at all.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
State Capitol Building
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State.....Utah..... County.....Duchesne..... Field or LeaseBuck Knoll.....

The following is a correct report of operations and production (including drilling and producing wells) for
.....July....., 1970..

Agent's addressP.O. Box 2619..... Company Gulf Oil Corporation.....
.....Casper, Wyoming 82601..... Signed *RC Charles*.....

Phone307-235-5783..... Agent's title Area Services Supervisor.....

State Lease No. Federal Lease No. Indian Lease No. Fee & Pat. ☒

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NE NE 15	5S	6W	1	Dr1g				TD 7837' Dr1g 8-1-70 13-3/8" csg set @ 354.61' w/300 sx cmt; 4,980' 9-5/8" csg at 4997' cmt d w/1,250 sx cmt

2 - Utah OGCC
1 - G.C.
2 - File

CONFIDENTIAL

NOTE: Report on this form as provided
for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
State Capitol Building
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Buck Knoll

The following is a correct report of operations and production (including drilling and producing wells) for

August, 1970

Agent's address P.O. Box 2619 Company Gulf Oil Corporation

Casper, Wyoming 82601 Signed RC Charles

Phone 307-235-5783 Agent's title Area Services Supervisor

State Lease No. Federal Lease No. Indian Lease No. Fee & Pat. ☒

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NE NE 15	5S	6W	1	Dr1g				TD 10,930' 9-1-70
2 - Utah O&GCC								
1 - O.C.								
2 - File								

CONFIDENTIAL

NOTE: Report on this form as provided
for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

Larry Works - Huff.

Buck Hrolls (So. of Duckhorn)
rec 15 TSS R6W

T.D. 12000 ft.

9 5/8" @ 5000' (last plug at base of Intermediate)

Log tops :

7400

Measured = 8754 to T.D.

Ø 4-8 7/8" lots of sands

45 sands. all Computable

no difference ecc

.3 to .1 GP difference

top of sands
↑ @ 8754

① 150 ft min - hole $\approx 10 \frac{1}{2}$ " hole size
Cement plugs. & 1/2 bit size.

② C. I. B P bottom of 9 5/8" / cement on top

③ 5000 to 8754

only few small, thin sands & low Ø
(scattered sand. below 7000 to 8754)

③ 100' min @ 7000 mostly sands below

④ Will call for additional plugs
if abandoned upper 5000'

PWB

9/23/70

FORM OGC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Buck Knoll No. 1 43-013-30045
Operator Gulf Oil Corporation Address Box 2619 Phone 1-307-235-5783
Casper, Wyoming 82601
Contractor R. L. Marning Company Address 2100 Tower Bldg Phone _____
1700 Broadway - Denver, Colo.
Location NE 1/4 NE 1/4 Sec. 15 T. 5S N 6W 5 Duchesne County, Utah.
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
<u>From:</u>	<u>To:</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	<u>NO WATER SANDS ENCOUNTERED</u>	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

(Continue on reverse side if necessary)

Formation Tops:

2572' - Basal Green River
4882' - Wasatch
8760' - Mesaverde

Remarks:

- NOTE:
- Upon diminishing supply of forms, please inform this office.
 - Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
 - If a water analysis has been made of the above reported zone, please forward a copy along with this form.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
State Capitol Building
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State.....Utah..... County.....Duchesne..... Field or LeaseBuck Knoll.....

The following is a correct report of operations and production (including drilling and producing wells) for

.....September....., 1970...

Agent's addressP. O. Box 2619..... Company Gulf Oil Corporation.....

.....Casper, Wyoming 82601..... Signed*RC [Signature]*.....

Phone307-235-5783..... Agent's title Area Services Supervisor.....

State Lease No. Federal Lease No. Indian Lease No. Fee & Pat. ☒

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NE NE 15	5S	6W	1					TD 12,000' PBTD 4,970 112 sx cmt plug 8755' - 8605' 75 sx cmt plug 7000' - 6900'

2 - Utah OGCC
1 - O.C.
2 - File

CONFIDENTIAL

NOTE: Report on this form as provided
for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
State Capitol Building
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Buck Knoll

The following is a correct report of operations and production (including drilling and producing wells) for

October, 1970

Agent's address P. O. Box 2619 Company Gulf Oil Corporation

Casper, Wyoming 82601 Signed RC [Signature]

Phone 307-235-5783 Agent's title Area Services Supervisor

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☒

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NE NE 15	5S	6W	1	P&A				Perf 4860'-4915' 39 jets 19 gm chg Acidize w/5,500 gal. 15% HCL Sand Plug - 4858' Perf 4800' - 4850' 70 19 gm jets Acidize w/250 gal 15% HCL CIBP 4770' Perf 3868' - 3880' 2 jet holes/ft w/19 gram charges, Acidized w/3000 gal 15% HCL acid, sliding sleeve cmt retainer @ 3830'. Plugged w/ 150 sx cmt and mud, 15 sx plug in top of 9-5/8" casing. Well plugged and abandoned FINAL REPORT

2 - Utah OGCC
1 - O.C.
2 - File

CONFIDENTIAL

NOTE: Report on this form as provided
for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

Gulf Oil Co.

10/14/70

Marian Bailey - Casper

Lower Zone - Back Knoll

rec 15 TSS RGW
to test: 3880
3868 - ~~3880~~ @ 15

Long Box of GR 4800-4850 → less than 1 Bl/hr. recov.

4840-4915 - P/sand → no reg. recovery / 20 gal/hr. - no volume

T.D. 12,000 - CIBP @ 4970

at CIBP \approx 4770 → or squeeze
Cement

9 $\frac{5}{8}$ @ 4997 → 2080 Tg of Cement

if 3868 to 3880 recov. would

will CIBP \approx 3830 or Cement squeeze

and surface pipe set at 13 $\frac{3}{8}$ @ 355'

→ well set \approx 1900' Cement plug (100')
in & out of stub.

1900 to 355' → no water etc.

set \approx 100' in & out of line of 13 $\frac{3}{8}$

set surface 10 sp / maker / water in bottom
zone & mud - water
bottom plug in upper plugs.
MB

STATE OF UTAH

CONFIDENTIALSUBMIT IN DUPLICATE
(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:				OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other _____
b. TYPE OF COMPLETION:				NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>
				DIFF. RESVR. <input type="checkbox"/>	Other _____		
2. NAME OF OPERATOR Gulf Oil Corporation							
3. ADDRESS OF OPERATOR P. O. Box 2619, Casper, Wyoming 82601							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 705' SNL & 818' WEL At top prod. interval reported below Same At total depth Same							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED 6-30-70							
16. DATE T.D. REACHED 9-21-70		17. DATE COMPL. (Ready to prod.) P&A'd 10-17-70		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6435' KB - 6421 GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 12,000'		21. PLUG, BACK T.D., MD & TVD See Backside		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY to Surface	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None- See backside for intervals tested						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES - 4992-353'. Borehole compensated Sonic Log - Gamma Ray & Induction Electrical Log						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
20"	65.6#	34'	26"	Cemented to surface		None	
13-3/8"	54.50#	K-55 355'	17-1/2"	Cemented to surface		None	
9-5/8"	40#	K-55 4997'	12-1/4"	550 sx		None	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					None		
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
4860-4915' - 39 Omega Jets				DEPTH INTERVAL (MD)			
4800-4850' - 70 Omega Jets				AMOUNT AND KIND OF MATERIAL USED			
3868-3880' - 24 Omega Jets				4860-4915' 5500 Gal 15% HCl			
				4800-4850' 5500 Gal 15% HCl			
				3868-3880' 3000 Gal 15% HCl			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Dry Hole P&A'd				WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD.	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Logs per Item 26							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							

SIGNED

J. D. Mackay

TITLE

Area Production Manager

DATE

October 30, 1970

*(See Instructions and Spaces for Additional Data on Reverse Side)

CONFIDENTIAL

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
No. DST's						
			Drilled to TD of 12,000'. Set 112 sx cement plug 8755-8605' & 75 sx cement plug 7000' - 6900'. Set CIBP @ 4970'. Pmpd 200 sx cement into 9-5/8" - 13-3/8" csg annulus. Perforated & tested zone 4860-4915'. Spotted 50 sx sand to PBTD of 4858'. Perforated & tested zone 4800-4850'. Set bridge plug at 4770'. Perforated & tested zone 3868'-3880'. Set Baker sliding sleeve cement retainer @ 3820' & pmpd in 150 sx cement. Filled hole with mud, set 15 sx cement plug in top of 9-5/8" casing.	Green River Basal Green River Wasatch Mesaverde	Surface 2572' 4882' 8760'	

38. GEOLOGIC MARKERS

GULF OIL CORPORATION'S
excerpt from well record

BUCK KNOLL #1 15-5S-6W, Duchesne County, Utah

1970

9-22

12,000' - IES Log

23 12,000' - Logging

24 12,000' - plugging back - Set 112 sx cmt plug 8755 - 8605', 75 sx cmt plug 7000'-6900'.

25 12,000' TD - PBTD 4970' - Set model N Bkr CIBP @ 4970'. Released rig at 2 PM 9-24-70.

26 TORT

27 TORT

28 MORT

29 MORT

30 MORT

10-1 Cleaning loc

2 4970' PBTD, Pmpd 200 sx C1 G Cmt into 9-5/8" - 13-3/8" csg annulus.

3 4970' PBTD. Checked 13-3/8" - 9-5/8" annulus valve. very little vacuum. Filed hole w/ 1-1/2 bbls wtr. Press tested to 400 psi. Held OK. Cut off 13-3/8" & 9-5/8" csg. nipples up.

4 prep to run tbg.

5 ran 158 jts 2-7/8" tbg. checked PBTD @ 4970'.

6 swbd FL to 2700', pulled tbg & rigged up McCullough, ran GR correlation log fr 4954-3800'. Ran 4" carrier gun w/ decentralizing springs & ~~perf~~ perforated 4860-4915' w/ 39 Omega jets, 19 gm chg. Rigged up and ran Baker Model C-1 pkr on 152 jts 2-7/8" tbg, pkr set @ 4813'. Swbd fluid to pkr. Made to dry runs. no fluid entry.

7 Swab testing. ONSITP 0 psi. No fluid entry into hole over night. Acidized by HOWCO w/ 5500 gal 15% HCl ~~containing 2 gal/100 gal inhibitor~~, During last 4200 gal dropped one rubber coated nylon ball sealer after each 110 gal acid. Displaced acid w/ 1600 gal wtr. Ball sealing action indicated several 100 psi press increases. Total load to recover 169 bbls. Swabbed total of 59 bbls acid wtr and approx 1 bbl oil in 5-1/2 hrs. Pour point oil 115°, API Gvty 30.2° @ 60°. Load to recover 110 bbls.

8 Swab testing. ONSITP 130 psi. Gas bled off quickly. Swbd 10 bbls oil & shut down. Then swbd at rate of 20 gal fluid per hr. 50% oil, 50% wtr. Swbd total of 11 bbls oil & 1 bbl wtr in 9 hrs during entire day. 109 BLWTR. Oil grindout 98% oil, 1.6% wtr, 0.4% BS. Gas too small to measure.

9 PBTD 4858'. ONSITP 80 psi. FL @ 3800'. Swbd 6 bo 7 swabed down. Then swbd 2 hrs @ rate of 15 to 20 gal fluid/hr, 50% oil, 50% wtr. Pulled tbg & pkr. Reran tbg open ended to 4670'. Spotted 50 sx 20/40 sand on bottom. Tested sand plug to 2400 psi. Held OK. Top of sand at 4858'. SION.

10 ONSITP 0. swbd FL to 2000'. pulled tbg. Rigged up McCullough. Perf 4800-4850' w/ 70 19 gm Omega jets. Ran 2 jts tbg w/ notched collar, Baker Model C-1 Pkr & 149 jts 2-7/8" tbg.

11 ONSITP 0. Circ 50 bbls wtr down annulus. Set pkr at 4710', tailpipe to 4774'. Swabbed tbg down to pkr. Checked FL after one hr. no fluid entry. Rigged up HOWCO and pumped in 250 gal 15% HCl w/ 5 RCN balls. Continued pmpg and dropping one sealer ball every 75 gal for a total of 5500 gal 15% HCL. Displaced w/ 1470 gal wtr. Swbd down to 2500', having trouble w/ sealer balls. Swbd fluid level to pkr. Rec 56 bbls load wtr. Total load this zone 194 bbls. Load wtr yet to recover 138 bbls.

12 ONSITP 125 psi. FL 2800'. Swbd 7-3/4 BO ~~in~~ 5-1/2 hrs in 11 hrs. After swbd down, fluid entry in 50' every 2 hrs. Very little gas. 132-1/2 bbls load yet to recover.

13 Prep to run tbg & pkr. ONSITP 60 psi, 250' fluid entry ON. Top 150' oil, lower 100' wtr. Swbd down and let set one hr, fluid entry 15' wtr. Pulled tbg. Set CIBP @ 4770'. Tested to 1000 psi OK. Ran tbg to 3200' and swbd fluid down to 1500'. Pulled tbg. Perforated by McCullough 3868-3880', 2 jet holes/ft using 19 gm Omega charges.

Bukk Knoll.

-1970

- 10-14 4770' PBT. Swab testing. ONSITP slight vac. Ran 121 jts 2-7/8" tbg w/ Backer Model ~~2~~ C-1 pkr. Set pkr at 3830'. FL 1700'. Swbd tbg down to 3800' recovering 13 bbls load wtr. Slight show of gas. Let set 1 hr no fillup. Acidized by HOWCO using 3000 gal 15% HCl inhibited acid. Loaded hole w/ acid and established inj rate of 1 BPM. Swabed 58-1/2 bbls water and acid wtr in 3 hrs, swabbing from packer. Last 2 hr gauge 11.5 bbl oil and 11 bbls wtr. 37-1/2 BWYTR.
- 15 4770' PBT. Swab testing. ONSITP 525 psi. FL 600'. Swabbed down. Rec 34-1/2 bbls wtr. Swab tested 9-1/2 hrs from 3800'. Rec 55 bbls wtr, no show of oil, slight show of gas. 52 bbls net wtr ~~xx~~ from this zone.
- 16 3830' PBT. Prep to P&A. ONSITP 500 psi. FL 900'. Swbd down to 3800'. Rec 30 bbls wtr. Swab tested 1 hr, rec 6 bbls wtr, no show oil, slight show of gas. POH w/ tbg & pkr Ran and set Baker sliding sleeve cement retainer at 3830'. Pumped in 150 sx cmt. Pulled out of retainer and pulled up 100' and circulated hole w/ mud from reserve pit.
- 17 3830' PBT. Layed down tbg. Backed off csg hd. Bridged pipe @ 30'. Placed 15 sx cmt plug in top of 9-5/8" csg. Filled wtr pit.
- 18 Installed dry hole marker. Fenaced reserve pit. DROP.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Dry Hole		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Gulf Oil Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 2619, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 705' SNL & 818' WEL		8. FARM OR LEASE NAME BUCK KNOLL
14. PERMIT NO.		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RI, OR, etc.) 6435' KB - 6421' GR		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 15-5S-6W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled to a total depth of 12,000' without encountering commercial production and was plugged and abandoned.

Drilled to TD of 12,000'. Set 112 sx cement plug 8755-8605' & 75 sx cement plug 7000'-6900'. Set CIBP @ 4970'. Pmpd 200 sx cement into 9-5/8" - 13-3/8" csg annulus. Perforated & tested zone 4860-4915'. Spotted 50 sx sand to PBTD of 4858'. Perforated & tested zone 4800'-4850'. Set bridge plug at 4770'. Perforated & tested zone 3868'-3880'. Set Baker sliding sleeve cement retainer @ 3820' & pmpd in 150 sx cement. Filled hole with mud, set 15 sx cement plug in top of 9-5/8" casing

Dry hole marker installed.

Location restored and ready for inspection.)

18. I hereby certify that the foregoing is true and correct

SIGNED

L. M. Wilson
L. M. Wilson

TITLE Area Production Manager

DATE August 15, 1973

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

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